

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Alan J. Cisar and Oliver J. Murphy

SERIAL NO. 08/787,271

FILED: January 24, 1997

FOR: Bipolar Plates For Electrochemical
Cell Stacks

EXAMINER: MAPLES

GROUP ART UNIT: 1745

CERTIFICATE OF FACSIMILE
UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence is being transmitted
via facsimile to the Assistant Commissioner of Patents,
Washington, D.C. 20231, on the date below:

8-5-99

Date

Jeffrey L. Streets
Signature

Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

RESPONSE TO THE FINAL OFFICE ACTION DATED JUNE 8, 1999

In response to the Final Office Action dated June 8, 1999, having a shortened
statutory period for response set to expire on September 8, 1999, please consider the
following amendments and remarks:

IN THE CLAIMS:

7. (Four Times Amended) A bipolar plate for electrochemical cells, comprising:

a porous, electrically conducting sheet selected from the group consisting of
expanded metal mesh, metal foam, conducting polymer foam, porous conductive carbon
material and combinations thereof;

a gas impermeable material disposed within pores [a minor portion] of the sheet to
form a gas barrier that prevents communication of gas between opposing faces of the

STREETS & ASSOCIATES

JEFFREY L. STREETS
Direct (281) 373-4733
Fax (281) 373-5354

CYNTHIA G. SEAL
Direct (713) 479-9308
Fax (713) 479-9309

PATRICK K. STEELE
Direct (281) 897-0442
Fax (281) 970-0978

Intellectual Property Attorneys

P.O. Box 1612
Cypress, Texas 77410-1612

Patents, Trademarks,
Copyrights, Licensing, Trade
Dress, Trade Secrets, Unfair
Competition, Technology
Development and Internet Law

FAX RECEIVED
AUG 05 1999
GROUP 1700

DATE: August 5, 1999

TO: Examiner Maples

COMPANY: USPTO

FACSIMILE: (703) 305-5885

TELEPHONE: 703-308-1795

FROM: Jeffrey L. Streets

OUR REF: LYNN/0020

PAGE(S): (with cover)

MESSAGE:

Please accept this Response filed today by facsimile in regard to U.S. Patent Application
Serial No. 08/787,271 filed January 24, 1997.

CONFIDENTIALITY NOTE

The document accompanying this facsimile transmission contains information from the law firm of Streets & Associates which is confidential or privileged. The information is intended to be for the use of the individual or entity named on this transmission sheet. If you are not the intended recipient, be aware that any disclosure, copying, distribution or use of the contents of this faxed information is prohibited. If you have received this facsimile in error, please notify us by telephone immediately so that we can arrange for the retrieval of the original documents at no cost to you.

F